



NON-RENEWABLE ENERGY

Once used, it's not replaceable!!

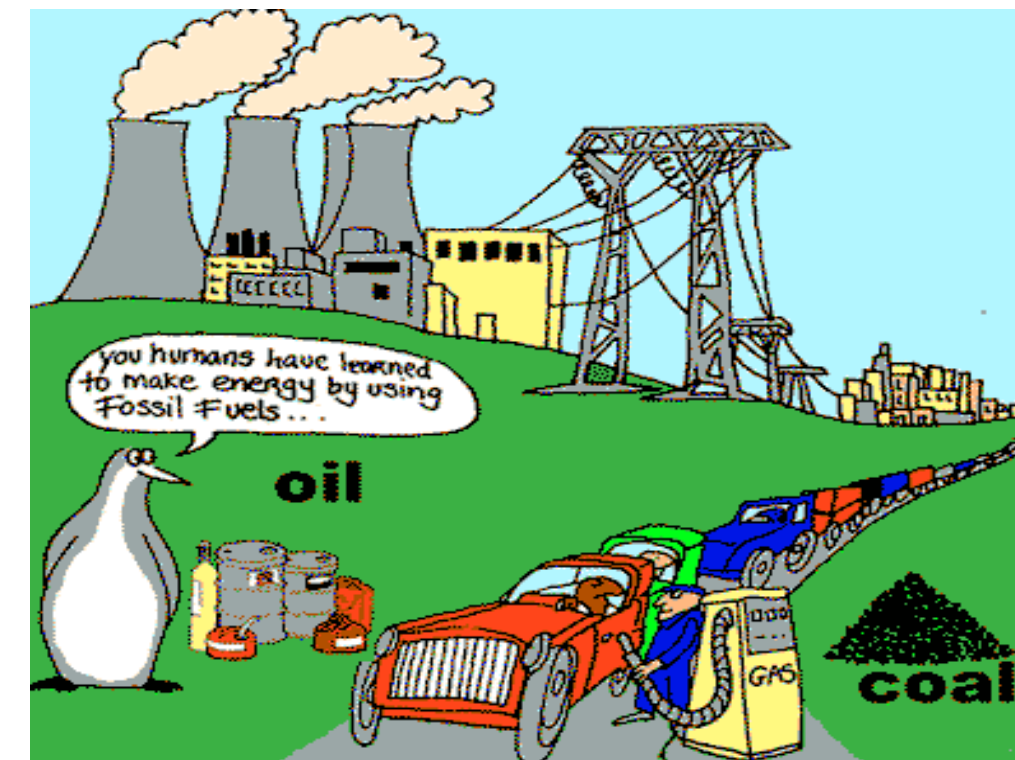
Where do we get these **Fossil Fuels** from?

Deep underground - we drill for oil, gas and coal.

These energy sources were once living plants that were buried deep in the earth, and under great pressure were turned into fossil fuels. Most of our **electricity** comes from burning fossil fuels. We use it to make lots of consumer products too.

The effects of burning all these fossil fuels is **Air Pollution** & lung and heart disease.

What happens to the pollution? It travels along in the air, all around the world where it causes many environmental problems like Ozone, Acid Rain, Global Warming, Haze & Fine Particle pollution that can make us sick.



*** RENEWABLE ENERGY ***

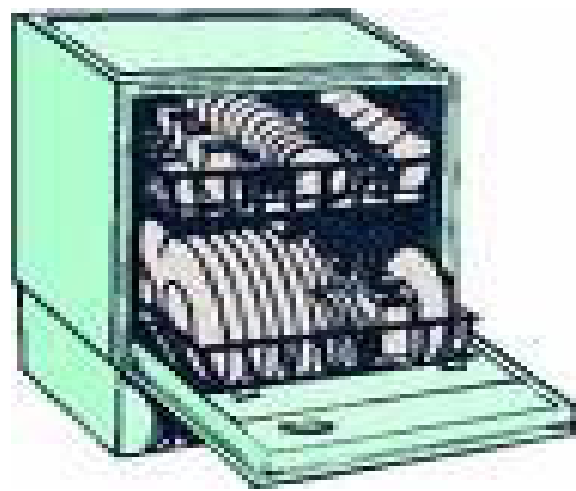
It's **ALL** replaceable by **natural ecological cycles!**

Our Sun drives climate & create these.

- * **Solar power** (photovoltaic) can make electricity and solar panels can heat water.
- * **Hydroelectric power** makes electricity by using the energy from falling water.
- * **Wind power** - can drive a turbine with a propeller (like some airplanes have) and make electricity.
- * **Biomass** - Wood, garbage and agricultural waste
- * **Geothermal** - Captured heat from the ground.



ENERGY CONSERVATION



Use these two home appliances only when fully loaded to save energy.



Use CFLs and shut off lights when not needed....In schools 60% of electricity used is for lighting!



Set thermostat for day and night and season.



Use less hot water (by taking shorter showers and when brushing teeth).



USE LESS GAS BY: Avoiding idling when parked.
Plan for running errands in one trip.
Keep tires fully inflated and vehicles tuned up.
Buy smaller cars that meet your needs rather than larger SUVs that use more gas and pollute more.

